

ABSTRACT OF THE DISCLOSURE

A system for content adaptively decoding video content is disclosed. The system receives a bitstream which was segmented into segments based on predefined classifications. Examples of such classifications include action scenes, slow scenes, low or high detail scenes, and brightness of the scenes. Based on the segment classifications, each segment was encoded with a different encoder chosen from a plurality of encoders. The chosen encoder is particularly suited to encoding the unique subject matter of the segment. The coded bit-stream for each segment includes information regarding which encoder was used to encode that segment. A matching decoder of a plurality of decoders is chosen using the information in the coded bitstream to decode each segment using a decoder suited for the classification of the segment. If scenes exist which do not fall in a predefined classification, or where classification is more difficult based on the scene content, these scenes are segmented, coded and decoded using a generic coder and decoder.

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